BEST
MAILABLE
COPY

r		_	_	7	_	_	_	_	-,	_	·	_	_	_,			
800	3		Į.														8
CKO	14.round		5														7
test for	Mading 14,rough		3												t	1	
DRC			5													-	
DR (I) Section (CR (I)	2		3						25								
3		-	1				1					S	1				
3				T			T	1					T	1	7	=	E
(1) 10			ŀ					T					ŀ	İ	1		2 anten
1	1									1		5		l	t		Selection for L-garding antimers
<u>.</u> ]		Œ		-					r	t	1	1		r	F		
. ]		≨								Ī	1			u	-	4	7
. ]		2									I			¥		A	7 PO P
1	1	3	1							L		ŀ	1			Salas	3
1		3				1		3			L	ŀ	1	7		ZZ.	
<u>.</u>	ŀ	3	1			1	1	$\downarrow$			2	F	1	1		1	
Į	15	1	ļ		_	L		$\downarrow$	4	2	2	L	L	1		200	
1	2		L				L		ŀ	η			L				
Į	ß					L	L	ŀ	ľ	1			L		ŀ		
1	3			_		L	L	L	ŀ	1							•
Treme   Presed   Freed   Presed   Freed   Freed	≨	L					2	L						L		3	
I	K	L					x		L						1.4.	7	
	metric		ပ			Ä	4	7	X.			Į.		Ĭ	Kol	þ	

abbreviations:
NA - neutravidin agaose
UL - streptavidin ultralink

ម្

collection round double round (selection round without amplification with RNA from CR)

ſ	_	_	Ţ	7	7	7	T	Ŧ	Т	7	7	7	_	-1	7	7
	€ <b>Š</b>		$\downarrow$													
	14 7							1	$\int$	Ī	I	T		T		
test for	Madie	•									T	1	1			
(E) H	_=		3				-						-	Ş	e e	
# (G)	Į		7		1			E								
10 10 10	<u>-</u>	Į,		$\dagger$	$\dagger$	1	$\dagger$	1	3	1	1	1		$\dagger$		22
DR (E)			7	1	$\dagger$	1	1	1	t	t	1	1		†		
CR (1) DR (5) Interfer CR (2)			Þ		1	T		T	T	T	T	T	T	†	2 -F-RNA selection for D-phralin hinding	3
1	1							₹		l	T	T	T		hrelfn h	
4 ]		25				-	-						-		#Ded	
. ]		5						ņ					-	2.7	00 00	ı
: ]		≨										R	-	7	Steet Steet	
.]		ş									Ę,	R			Š	
.1		3	ŀ	=					,	7	•				ż	
I		3						2	2	·	T			1	200	
I	1						2	8		I		T	T	3	5	
7	Ž						3	1				I	ľ		YIRI (	
1	E						-			Γ	Ī	I	Π	a join	KTON	
Į	5						-					T		1000		•
read rend rend lound rend rend rend	1			€										R: Ri	i	
Į	ž			77										[ab]		
	7	i de	1 A	See	Nee J	Maki	106e3K	₹ <b>3</b> 5	3	Teet.	Haz	75	75 SE	Fig 2 Tab1B: gional/ noise mis 5 4	P	

abbreviations:
NA - neu
UL - stre

neutravidin agaose streptavidin ultralink

88

collection round double round (selection round without amplification with RNA from CR)

BEST AVAILABLE COPY

Fig

RNA 6mmol 1mmol 500pmol 1000pmol 2°F-RNA 3mmol 1mmol 500pmol 1000pmol 1000p

3/61

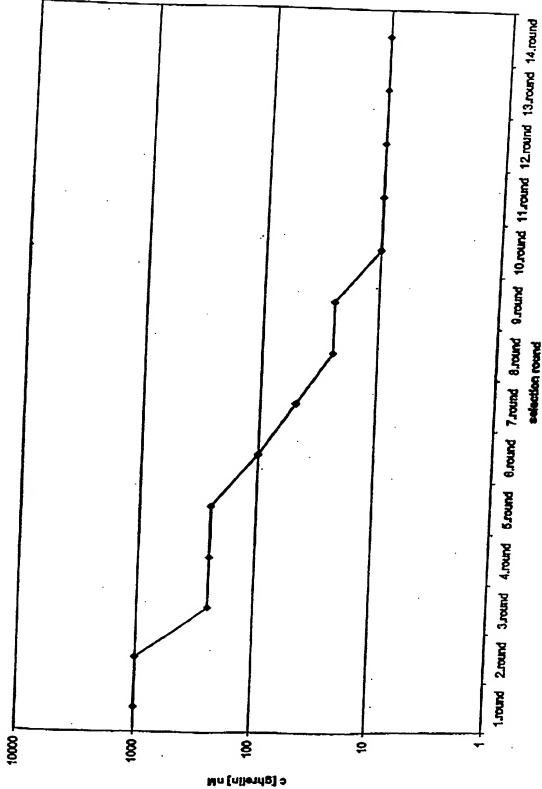
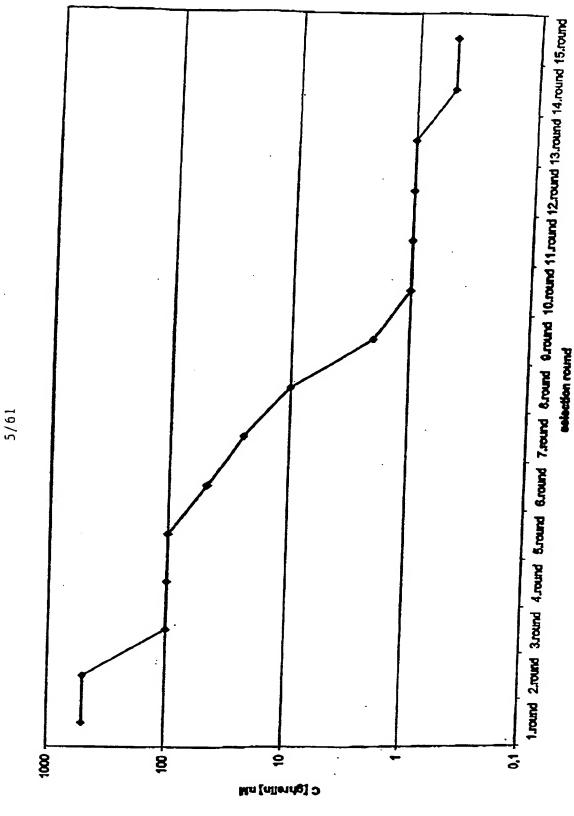
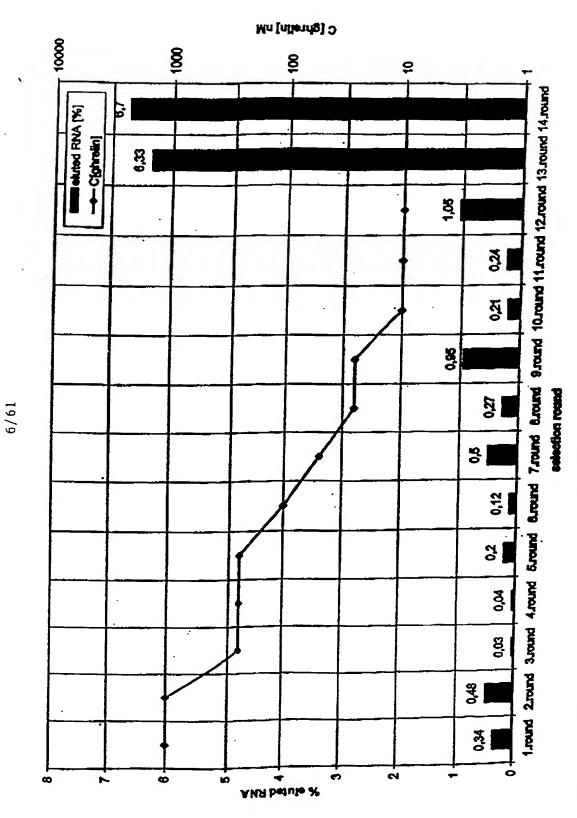


Fig.4A: course of the ghrelin peptide concentration for the RNA selection

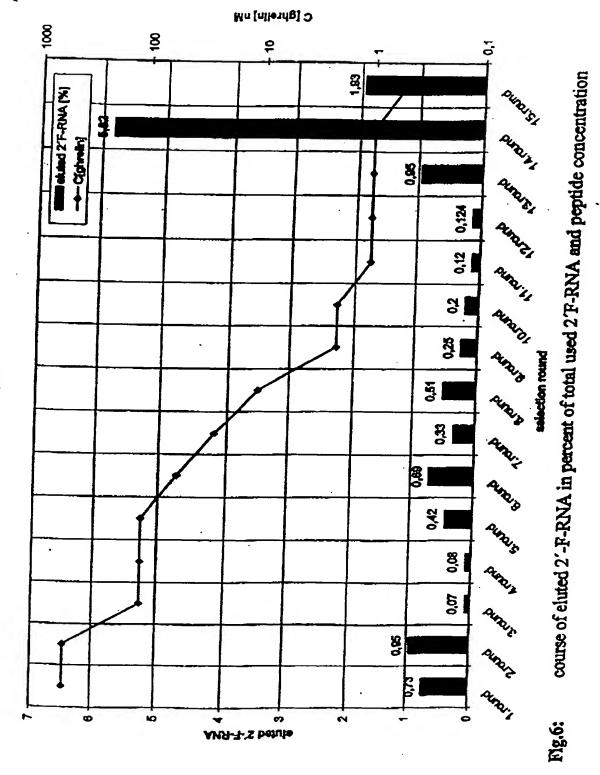


course of the ghrelin peptide concentration for the 2 F-RNA selection





Course of cluted RNA in percent of total used RNA and peptide concentration Fig. 5:



7/61

i	=
	ċ
-	Ĭ

														selection date in security for the bridge assays performed from round 12 to 14 for the balance	YAN OF W	
<b>DR</b>		14											6.7*	to 14 fo		
ජීම		14							25,3					und 12		
test for CR DR binding (3) (3)	T:	14					43.R	7	25,7	282	00	1	5,5	or mort by	_	
	5	2							1			6227	3	erforme	quenced	,
SCR (2)	2	2			T		14.5			1				Says I	* *	
binding (1) (1) binding (2) (2)	13						32,5	156	3 6		3,1	1.55		se Surpuic		
<b>E E</b>	2					1				1		1.05	7	S KILL	amg n	
ಕ್ಷ	21				316					T						
binding (1)	12					Г	077	4,98	0.78	0.15	25.0	0,13	3: donhie	ofe in som		•
	round		ر	[ghrelin]	3µM	Jul	7,700	3WnM	100nM	30mM		Muol	Fig.7A Tab	selection. d	we are percent outding to Lightelin, * sequenced	

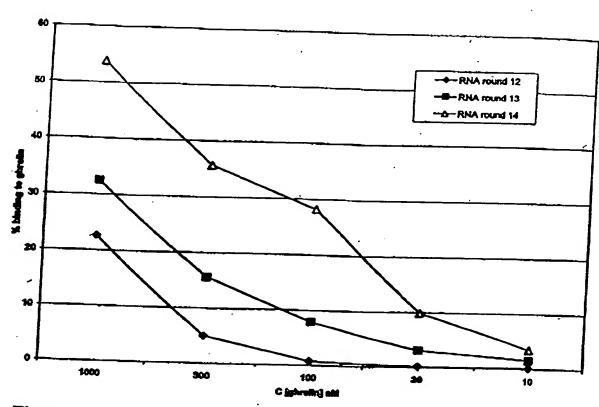


Fig.7B: Improvement of the RNA pool binding to D-ghrelin monitored over the double rounds

SEITE 15 10/522582

BEST AVAILABLE COPY

	_	_	_	_			_	-	_				_				
DR (3)		2											575		1,93*	for the 2	
CR (3) DR (3)	16	2					19,6									ld 13 to 15	
test for binding	15						32,7	26.5	10.1	101	7,7	17			-	excent binding to D. ohmelin # assets performed from round 13 to 15 for the 2'r	
	14												5,62*	92.0			8
CR(2) DR (2)	14			•		200	707								- W.19000	assays p	sodne:
test for blading	14					45	2	35,2	29	70	3.0				nd hinding	sciention; data in percent binding to Domalia a second	J-Smeam,
ž Đ	13											200		0,43	unds a	fine to	} •
ž <u>e</u>	13				31,4				•						uble ro	ent bin	
binding (I) (I)	. 13				42,4	28.8	166	201	8,49	3,76	0,72					ata in perc	le le
	round		C	[ghrelin]	3µM	1µM	300mM	COLUMN	100nM	30nM	10nM	Mal	S. W. S.	Midme	Fig.8A Tab4:	selection; d	•

F19. 8A



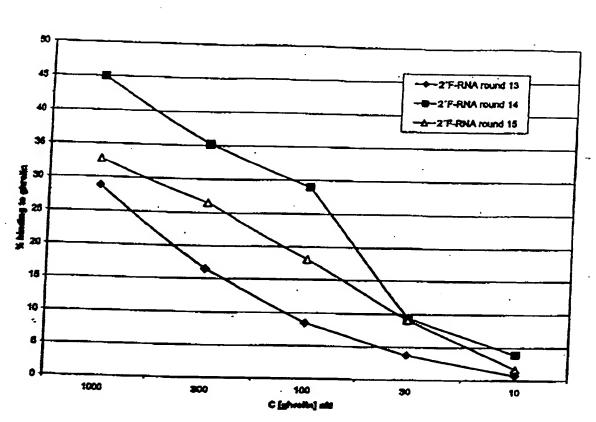


Fig.8B: Improvement of the 2 F-RNA pool binding to D-ghrelin monitored over the double rounds

12/61

# Automated in vitro-Selection against Rat p-Ghrelin

Round No.	A	В	C	Vold	Remarks
1	1 µM				manual round
2	1 μΜ		•		manual round
3	5 W	10 W	15 W	void 5 W	wash volume: 90 μl per wash (W) [D-Ghrelin] = 500 nM
4	5W	10 W	15 W	void 5 W	•
5	500 nM	167 nM	56 nM	. void	15 washes from round 5
6	500 nM	167 nM	56 nM	void	•
7	500 nM	167 nM	66 nM	void	
8	500 nM	167 nM	56 nM	void	
•	167 nM	58 nM	19 nM	vold	
10	167 nM	56 nM	19 nM	void	
11	167 nM	56 nM	19 nM	void	
12	58 nM	19 nM 6	2 nM	vold	
13	[ 56 nM	19 18 6	2 nM	. yold	•
14	58 nM	19 pM 6.	2 nM	void	
15	56 nM	19 nM 6.	2 nM	void	
16	19 nM	6.2 nM 2.	1 nM	void	
17	19 nM 6	3.2 nM 2.1	1 nM	vold	
18	6.2 nM 2	.1 nM 0.7	nM	void	
19	6.2 nM 2	.1 nM 0.7	nM	void	

Fig. 9

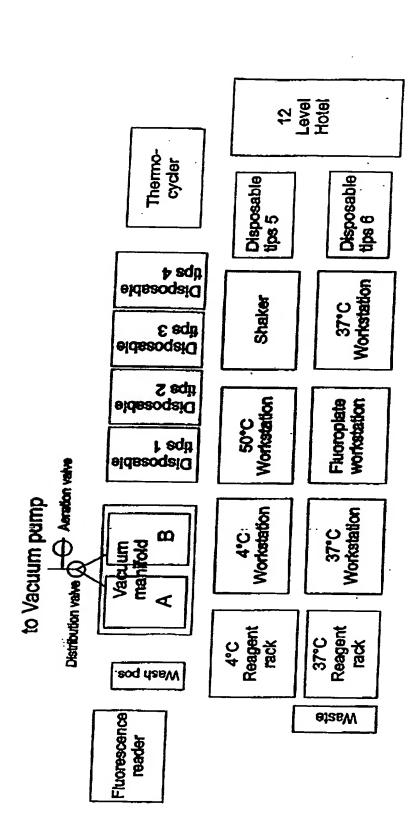


Fig. 10

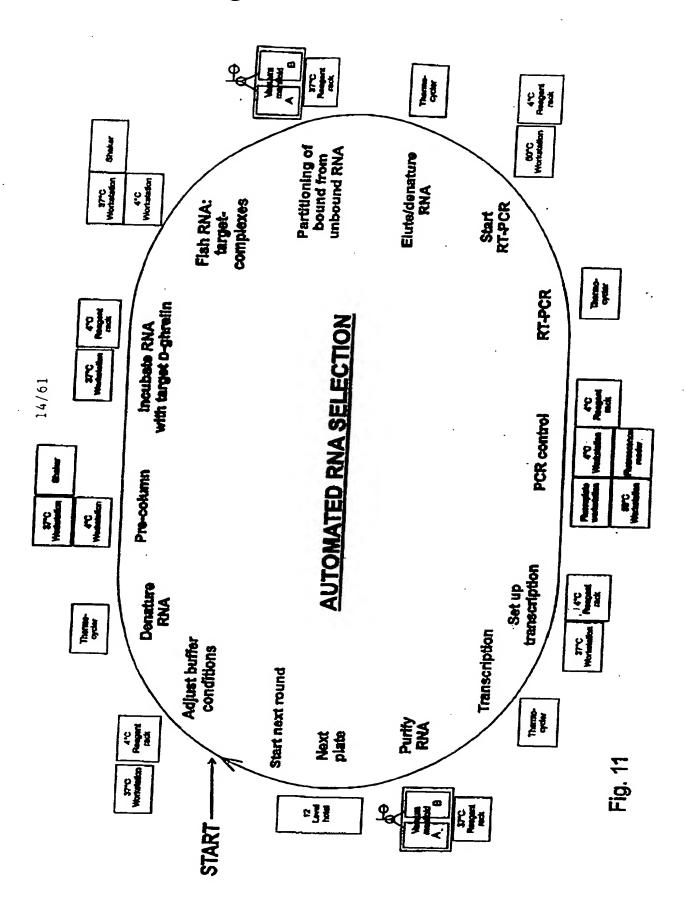
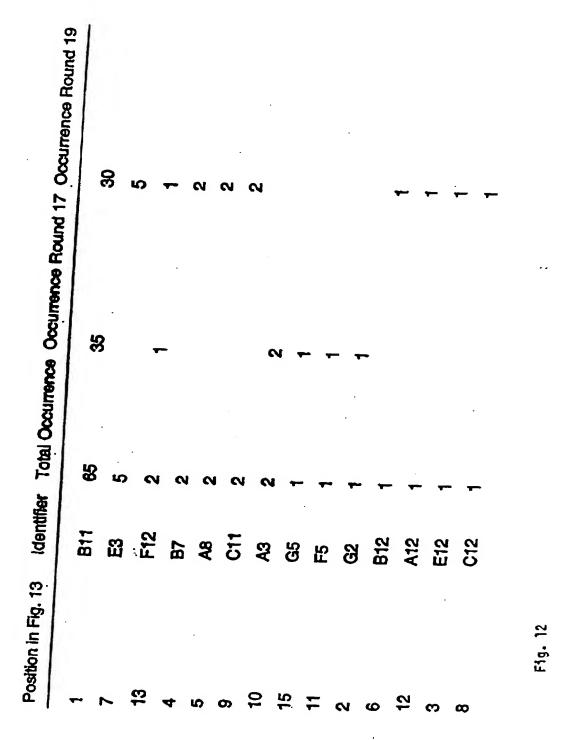


Table 5



Sequences of the (+) strand

complete forms

BES: AVAILABLE COPY

Э

**E12 B12** C12 เม GGAGCUCAGACUUCACUCGUGUG---AGGCAAU------AAAACG--UAAGUCCGAAGGUAACCAAUCCUAC--ACGUACCACUGUCGGUUCCAC A8 2 E3 GGAGCUCAGACTUCACUCGUGUG---AGGCAAU------AAAACA--UAAGUCCGAAGGUAACCAAUCCUAC--ACGUACCACUGUCGGUUCCAC GGAGCUCAGACUUCACUCGUGUG---AGGCAAU-----AAAACU--UAAGUCCGAAGGUAACCAAUCCUAC--ACGUACCACUGUCGGUUCCAC GGAGCUCAGACUUCACUCGUGUG --- AGGCAGU------AAAACU--UAAGUCCGAAGGUAACCAAUCCUAC--ACGUACCACUGUCCGUUCCAC GGAGCUCAGACUUCACUCGUGUG---AGGCAAU-----AAAACU--UAAGUCCGAAAGGUAACCAADCCUGC--ACGUACCACUGUCGGUUCCAC

AL2 GCAGCUCAGUCACUCOGOGOG---AGGCAAU-----AAAACOOGOAAGOCCGAAGGOAACCAAOCCGAAGGOAACCOAC

GGAGCUCAGACUCACUCGUGUG---AGGUAGUAAAAA-----AAAAC--GUAAAUCCGAAGGUAACCAAUCCUAC--ACGUACCACUGUCGGUUCCAC 

GGAGCUCAGACUUCACUCGUGUG---AGGUAGUAAAAAAAA---AAAAC--GUAAATCCGAAGGUAACCAAUCCUAC--ACGUACCACUGUCGGUUCCAC GRAGEUCAGUCACUCACUCAGUODO --- A GOGUAGUAAAAAAAAAAAAAAAAAA -- AUAAAUCCGAAAGGUAACCAAUCCUAC -- ACGUACCACUGUCGGUUCCAC DE.40R-Primer (rev. und

comp1.)

CGUACCACUGUCGGUUCCAC

GGAGCUCAGACTUCACTICG DR. 40P-Primer Primer moieties underlined and in bold

G2 B12 B12 B12 B12 C12 C12 C11 C11 A12

CCUGUCAGGUAGURARARARACGURARUCOGRAGGURACCRAUCCURCACG CHIGUGAGGUAGUAAAAAAACGUAAAUCCGAAGGUAACCAAUCCUACACG CGUGCGGUGAGGCRAAAAGGURAGAAGGUAACCAUUCCUACCAAG

CGUGUGAGGCAAUAAAACUUGUAAGUCCGAAGGUAACCAAUCCUACACG CEUTUGAGGCAAUAAAACUUAAGUCCGAAGGUAACCAAUCCUACACG

CHUGUGAGGCAAUAAACAUAAGUCCGAAGGUAACCAAUCCUACACG CCUGUGAGCCAAUAAACGUAAGUCCGAAGGUAACCAAUCCUACACG

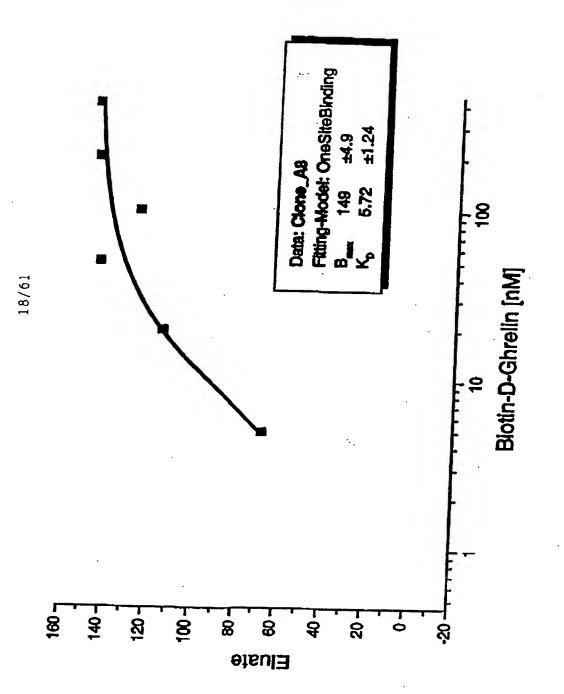
CGURUGAGGCAAUAAACUUNAGUCCGAAGGUNACCAAUCCUACACG CGUGUGAGGCAGUAAAACUUAAGUCCGAAGGUAACCAAUCCUACACG CGUGUGAGGCAAURAAACUUAAGUCCGAAGGUAACCAAUCCUGCACG

core forms:

CGUGUGAGGUAGUAAAAAAAAAAGGUAAAUCCGAAGGUAACCAGUCCUACACG

CGUGUGAGGUAGUAAAAAAAAAAAAAAACAUAAAUCCGAAGGUAACCAAUCCUACACG CEUTEUGAGGUAGUAAAAAAAAAAACGUAAAUCCGAAGGUAACCAAUCCUACACG CGUGUGAGGUAGUAAAAAAAAAAACGUAAAUCCGAAGGUAACCAAUCCUACACG

BEST AVAILABLE COPY



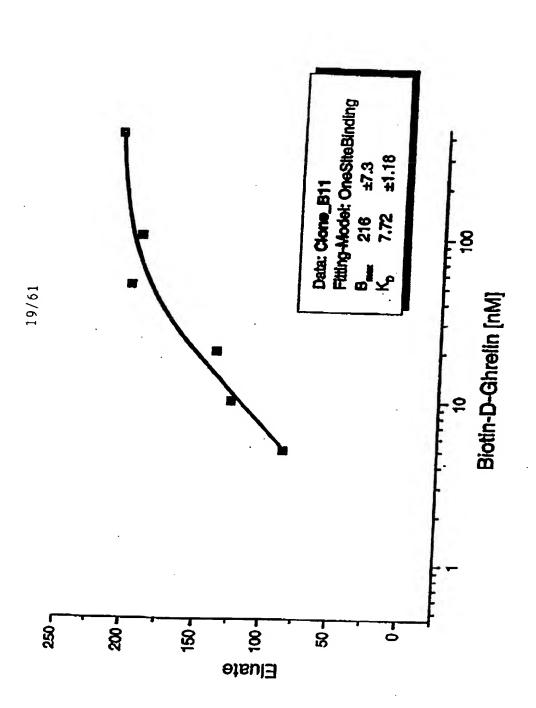
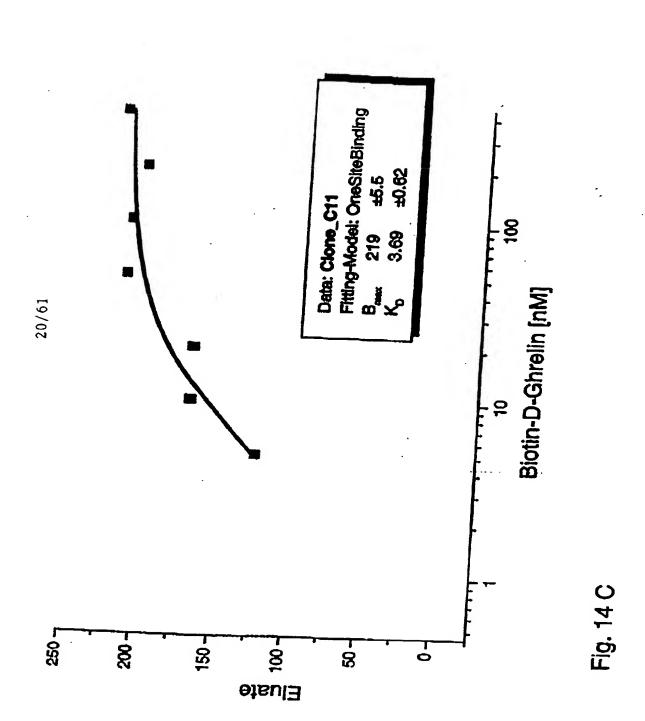


Fig. 14 B



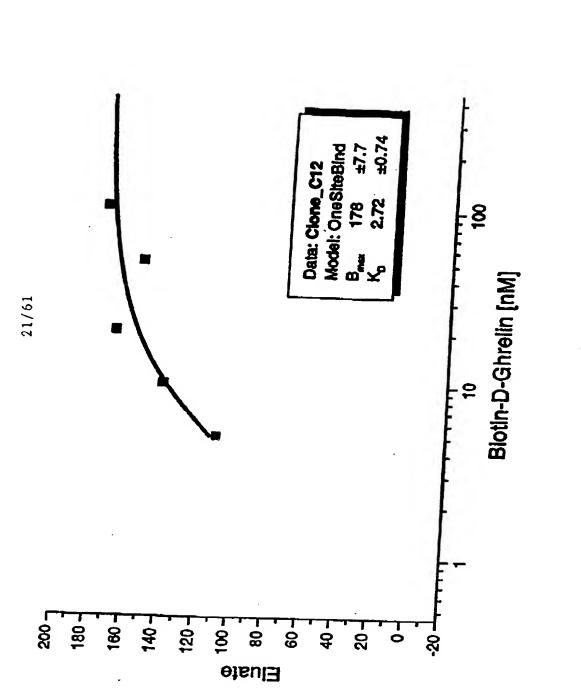


Fig. 14 D

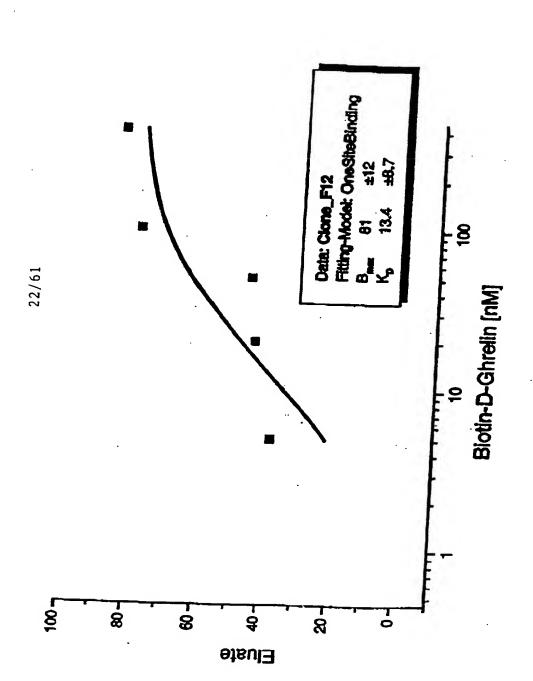


Fig. 14 E



### Clone B11

[o-Ghrelin] in nM	% RNA bound
0 3	0
10 30	8
100	35 <b>62</b>
300 1000	76 75
3000	83

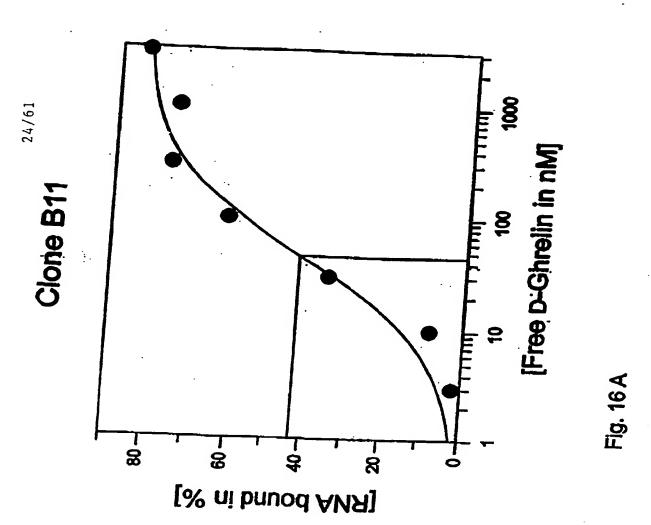
#### Clone F12

[b-Ghrelin] in nM	% RNA bound
0	0
3	3
10	10
30	29
100	48
300	64
1000	91
3000	88

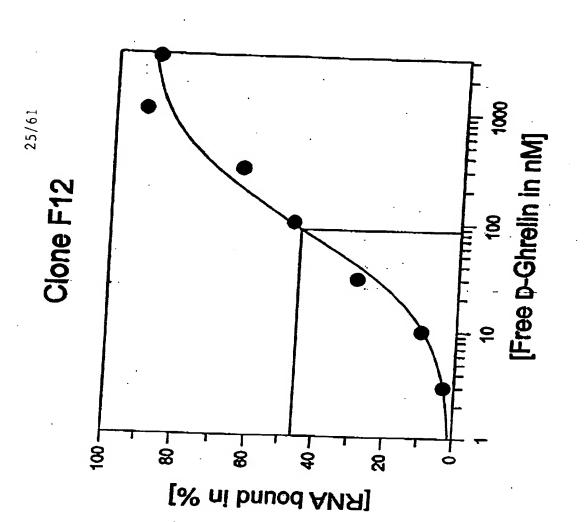
### Clone E3

[D-Ghrelin] in nM	% RNA bound
0	0
3	1
10	5
30	20
100	54
300	65
1000 3000	89
3000	85

Fig. 15

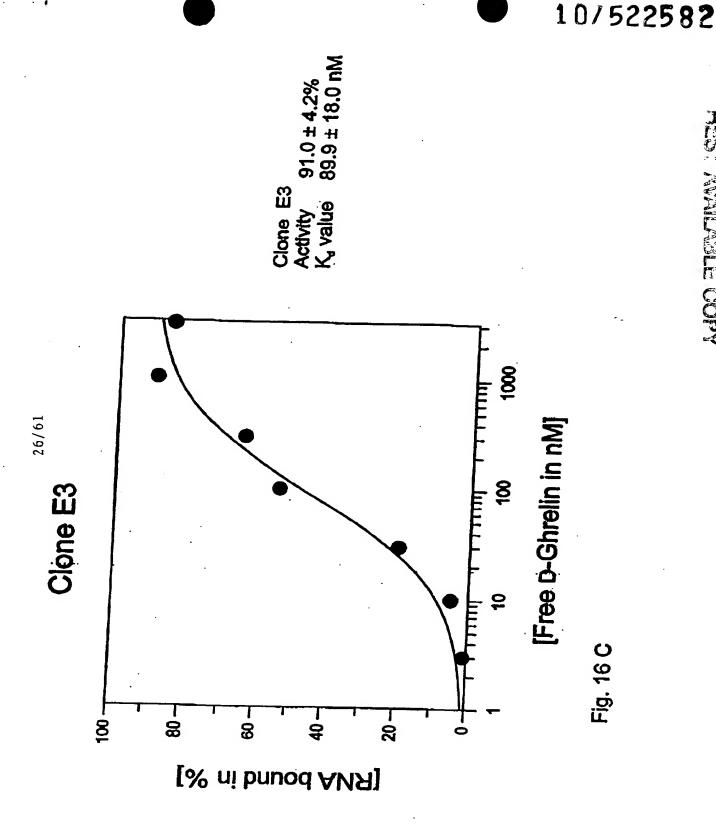


Clone B11 Activity 8 K, value 44



Clone F12 Activity 91.9 ± 4.1% K, value 87 ± 16.8 nM

Fig. 16 B



BS.: BOHMANN&LOOSEN;

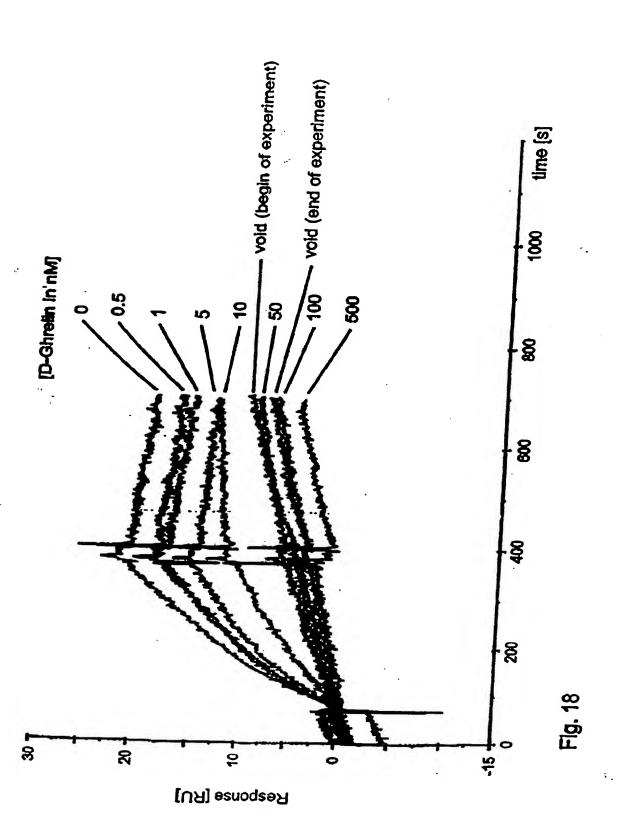
Table 7

27/61

Clone	Ko [nM]
A3	
	203
A8	98
A12	237
B7	139
B11	205
B12	135
C11	135
Ç12	17
53	227
12	171
5	142
	111
2	. 207
5	164

Fig. 17

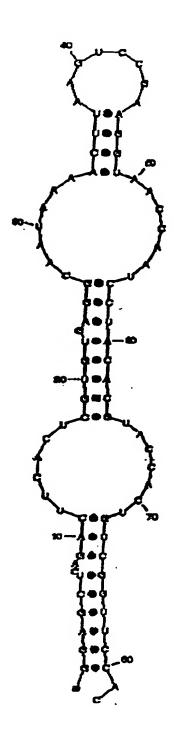






# Clone B11





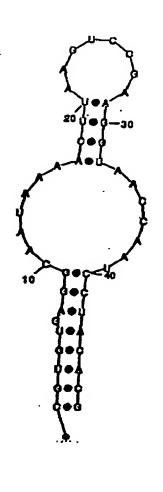


Fig. 19

Table 8

Clone	K <sub>D</sub> [nM]
D-B11	205
L-B11 trunc.	104.
D-B11 trunc.	122

Fig. 20

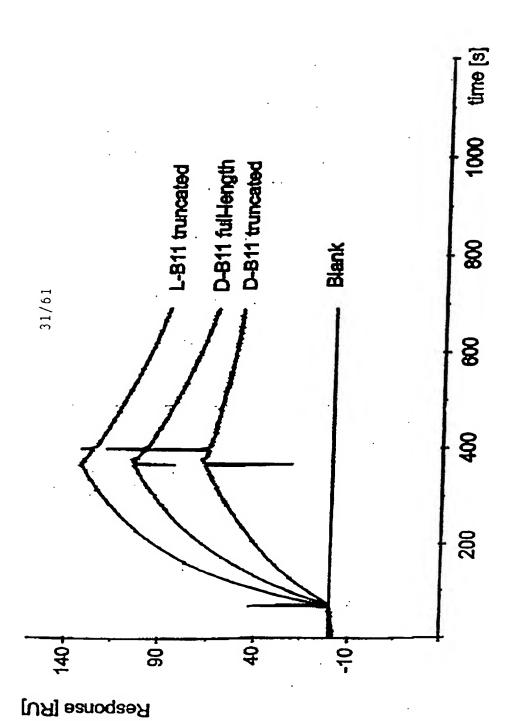


Fig. 2

Sequences derived from the RNA selection (round 13)

32/61

RMA round 13
group1
1.1 main close
'807-R04-DR13-R5 908

GRIDCTCHGLCTTCLGTCGTGGGGTGLGGCTACG-TAAGACCGAAGGTAACCATTCCTACCCLGGGLGCTGTCGGGTTCCAC

GENERAL CHICACOTOCOMO CON CO-TANGACO BANGOTA CONTECCTACO CONTECCA group2 2.1 meta elema '807-804-12813-A2

group3
3.1 main close
'907-Net-pai3-cn generrong

GENECICIALCITCHCONGINATANINC-TANATCCANAGANACCAATCCTAC--AGRACCACTOTCOAC 4.1 main close 'SOT-R04-DR13-G2 group4

GENERAL CHARLES CONTRACTOR AND AND CONTRACTOR CONTRACTO

. Fig. 22

Sequences derived from the RNA selection (round 14)

RNA round 14

group1

33/61

BOLDCTCHOLCTTCLCTCOTOCOOTGAGGCAA--COTAACACCAAAOOTAACCATTCCTACCACOOTACCACTOTOGGTTCCAC GOLGCTCHALCTTCACTCHATGAGGCTAA -- COTAAGACCGAMGGTAACCATTCCTACCAGGGTACCACTGTCGGTTCCTAC COLOCTEDIO TECH CATOCOTO COLO COTANO COLO COLO COLO CATACO CATACO CATACO CATACO CATACO CATACO CATACO CATACO CA COLOCTICACTICACTICATICACIONALA COPARACICA NA COLOCATICATICA COLOCACIONI CON COLOCACIONA CO variations of close 1.1 - SOT-RO4-DR14-C11 1.1 (mein clone) 'SOT-RO4-DR14-F7 SOT-R04-DR14-A8 1807-204-DR14-C12

DELICATION CONTROLL OF THE STANDARD OF THE STA variations of close 1.1 group3
3.1 (main clone)
'SOT-ROW-DRIA-C7

OCHOCHONALCTICALTICALDINACOCADIAAAACTT--AAGTOCGAAGGTAACCAATCCTAACGTACCACTGTCGGTTTCCAC GONGCTCHOLCTTCHCTCGTGTGHCGCCAATTALACTTG-AAGTCCCGAAGGTAACCAATCCTAACGTAACGTGCGCTGTCCAAC SOT-R04-D014-E11 '80T-RM-DR14-ED1

SOT-R04-D214-B8

Fig. 23

Sequences derived from the 2'F-RNA selection (round 14) '-F-RWA round 14, group1

1.1 (meda clone)

COLOCTICACITICACTICORDONATACIDA TRACTICACITOCITICITICATACOSTICOSCACIACOSTACCIACISTICACIA 30T-703-DR14-G6

sutations of close 1.1

GRADOTICA GALCITICA CITORIDA ANTINA GALOCITICI --- ATAGONOGO COLOCALO GALOCALCITA COSTILICA CATACOLO GALOCALCA CATACOLO GALOCA CATACOLO GALOCALCA CATACOLO GALOCA CATACOLO GALOCA CATACOLO GALOCALCA CATACOLO GALOCA CATACOLO GALOCA CATACOLO GALOCA CATACOLO CATACOLO GALOCA CATACOLO GALOCA CATACOLO CATA OTHECT CHARLET TELET CONTOUNT AND TO A CONTROL - CATAGOTOGCO COLOCAL COLOCATE COLOCAL COLOCACION COLOCAL COLOCACION COLOCAC 807-P03-DR14-P4. \* SOT-P03-D&14-P2

GALGET CHALCTICALCT COT GOLANIA COLONIA COLONIA COLONIA COLONIA CONTACONO COLONIA CONTRACA CONTRACA CONTRACA C GOLD CTRONICATE OLIC CONTROLANTICA CONTROLECTOR CONTROLECTO CONTROL CO

GRAGOTCH GLOTT CACT COT GRANT MAGNAT TO ACT CHO-CALACOT COCCOCCOCACO COLOGIA C

OCHECT CALCACT CALCACT CONTROL AND CALCACT TO TO CALTACOT COLCACT COLCACT TO COLCACT TO COLCACT TO CALCACT TO OCLOCYCALCYYCLCHCOTOCAATAOCHATGACTCHAACOTTTCTT-CATACOTCOCCGCACCLCOTACCLCTGTCGGATTCCAC

OCHICACANTTICACTOTOCAATACCAATACAAACOTTTC---CATACOTOCOCOCACCACOTACCAACTACCACTOCAC

OCHOCH CALL THE ACT COMBINATION AND ACCOUNTS ---- AT ACT COCCOCACCA CONTACTA CONTINUE ACT OCCAC 

ORIGINAL CITAL CITAL SANDA SANDA CITAL SANDA CONTRACTOR OCUROCTICA CATACA CATACACA A TORICTICA A CONTINCTICA A CONTINCA CONTINCA CATACCA CATACCA CATACCA CATACCA C

PRINCE CALACTERIC TO STRONG THE STATE OF STATES CALACTERISCO CONTROCAL CONTR Fig. 24

907-P03-DR14-DS

807-F03-DR14-G3

307-F03-DR14-B5

180T-P03-DR14-C2

- BOT- P03 - DR14 - P3 SOT-703-DR14-B6

80T-P03-D314-H1

SOT-703-DR14-PG

80T-F03-DR14-B1

807-F03-DR14-C1

SOT-P03-D214-H5

OCH PCT CAGALCTT CACT COTT TOTOTT NO CTOCCOACCOT CAGACCACANANTA COTTACCACTOT COACT PERIODICATION CITICAL CITICAL -- MOTICITAN COMO COTO COMO - MOTILICAL CITICAL GRAGONOLARIA CLOTOSTIGOSCOTTO SOTTA CON COROCOTO ACTUADA CONTACOLO SOTTA COLO OGNOCIONANTICACTOGROCOTITICIOTINGCI-CAGACCOTICACTOCOGOACAAATACAAAACTOTICAG OGAOCTICACACOTICACACOTICO TOTATACOT - CACACOCATCACACOCACCACAAATACOTACCACACOACACAC GALACTICA CATOMIC CONTROCT OF TAA COT CONTRACTICA CONTRACTION CATACON variations of clone 2.1 group2 1.1 (min alone) '807-703-1814-05 1.6 'SOT-F03-DR14-G2 SOT-P03-DR14-H2

ORIGINAL CHARLOS TO TO CONTRACTOR ORIGINAL CHARLOS AND CONTRACTOR ORIGINAL CONTRACTOR 1.1 main alone 1807-703-DR14-R6

group3

Fig. 24-2:

35/61

Sequences derived from the 2 F-RNA selection (round 15)

36/61

2'-F-RWA round 15, group1 1.1 (main alone)

'80T-F03-DR15-G10	*807-PD3-DRIS-010 0010CHOLCHOLCHCOTOGRANTAOGALTCACTCACACGTTTCT-CATACOT-COCCOCACGACGACTCT-CATACOT-COCCOCACGACGACTCT-CATACOT-CACCACGACGACTCT-CATACOT-CACCACGACGACTCT-CATACOT-CACCACGACGACTCT-CATACOT-CACCACGACGACTCT-CATACOT-CACCACGACGACTCT-CATACOT-CACCACGACGACTACCT-CATACOT-CACCACGACGACTACCACACGACTACACACACACACACAC
'60T-P03-DR15-G7	1.3
'SOT-P03-DR15-P10	'SOT-POJ-DRIS-PIO GELGCTCAGLCTTCACTCGTGGAATACGAATGACTTCTCACACGTTTCCALACGT-CGCCCACCACGACGTACCACTC

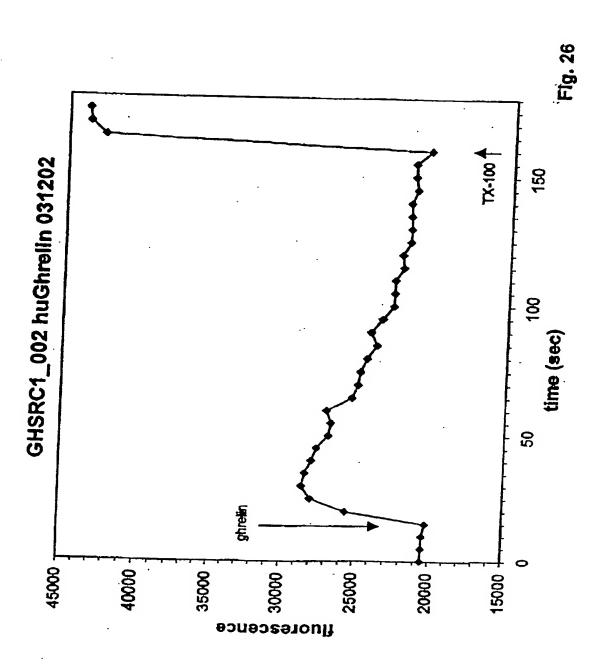
OTCOORTICCAC

OCHOCTICALCITICALCITICALATINGANTICALCITITIC - - CATAGOT - COCOSCACCACOPTACCACTICTICAC ORAGETCHALCTTCALTGOTGAATAGAATGACTCHAAGOTTT----CATACOT-COCGGACCACCACGTACCACTGOGATACCAC GAAGETCHAAGTTCALTGOTGOAATAGAATGACTCAAAGOTTT----CATACOT-COCGGACGTACCACTGOGATTCCAC GOLDGE CLOLGE CATACOLOGICO DA LA COLOGICA COLOGICA COLOGICA COLCOGLOGICA COLOGICA COLOGICA COLOGICA COLOGICA C GALOCT CAAACT T CACTOOTO CAAAAAAAAA CT CAAAAOT TTCT - CATAOOT - OBCOOCACCAAOT ACCAACTOT COATTACAA PRINCE CHARCITICAL CIT CONTROL OF THE CONTROL OF CONTROL CONTR ORACCTCHALCTTCACTCGTGGTATAGGAATGACCTGACGTTTT--CATACGT-CGCGGCACGAGGACTGTCGACTTCCAC orcoorcocc OTCOORTICCAC GRAGET CAGACTACACT COSTOGRATA DA ANTORICA COCTITAC - - - - ANTOT - COCCOCACCA CONCOLOTA COLOTOTO CONTICCA C OGROCTICACITICACITICATIOCAATIAOCAATICACITITICITICACATIACITI-COCCACIACCAACOTACCACTOTOCAC BOLIGET CALACT TO LET COSTO GRANTA GRANT CALACTER TOTAL TOTAL CALACTER COSTO C ORNOCTICHATICACTOSTOGIAATAGGAATGACTICAGACCTTTTT-CATAGGT-COCCICACGACGACGACTACGACTTCCAC 907-703-DR15-C12 BOT-F03-DR15-A12 SOT-P03-DR15-P12 SOT-P03-D815-A11 807-103-DR15-C9 80T-F03-DR15-P7 SOT-P03-DR15-D9 SOT-P03-DR15-H7 SOT-P03-DR15-PB SOT-P03-D015-A8

group2

PARACTICA CITCA CITCA CITITICI GITTA CCTGCCGA CCGTCA GTGCGGCA CGA CA CGA CA CCA CTGT CGA CTTCCA C 80T-703-DRUS-C7



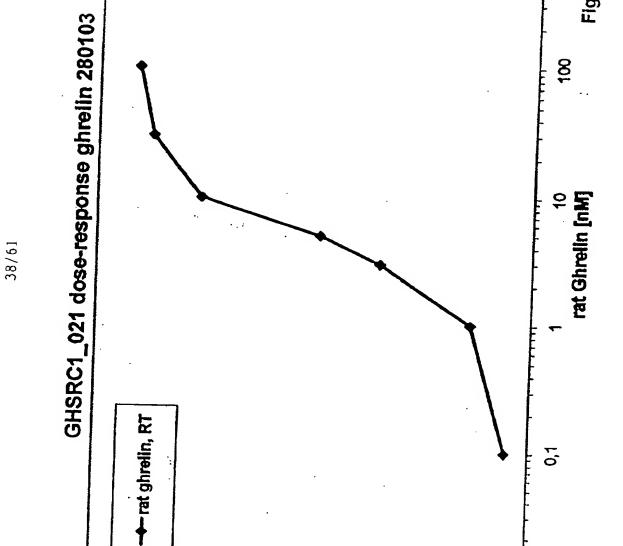


1000

10,0 10,0

<del>200</del>

2000



14000

12000

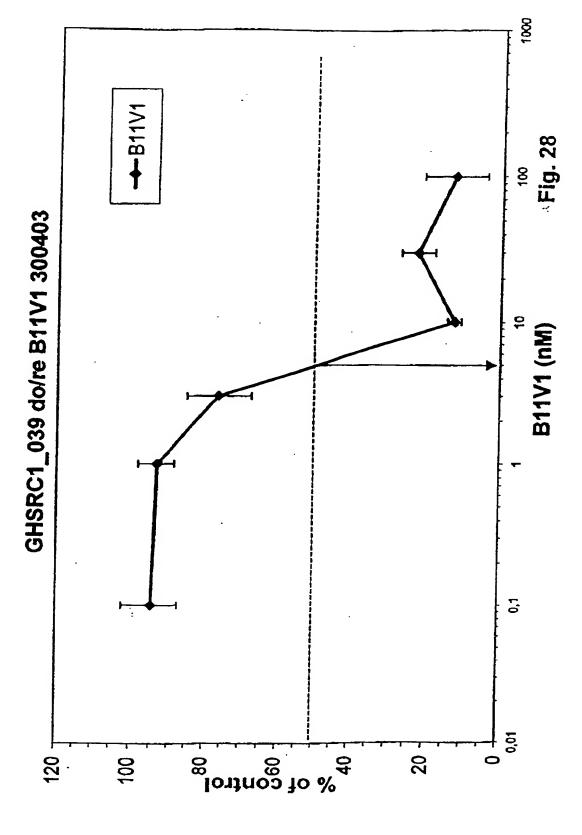
10000

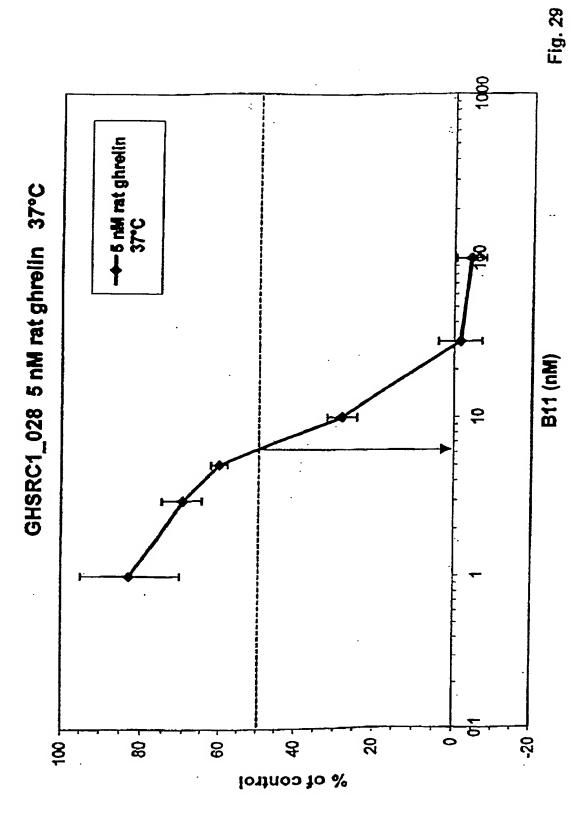
88

Fmax - Fmin

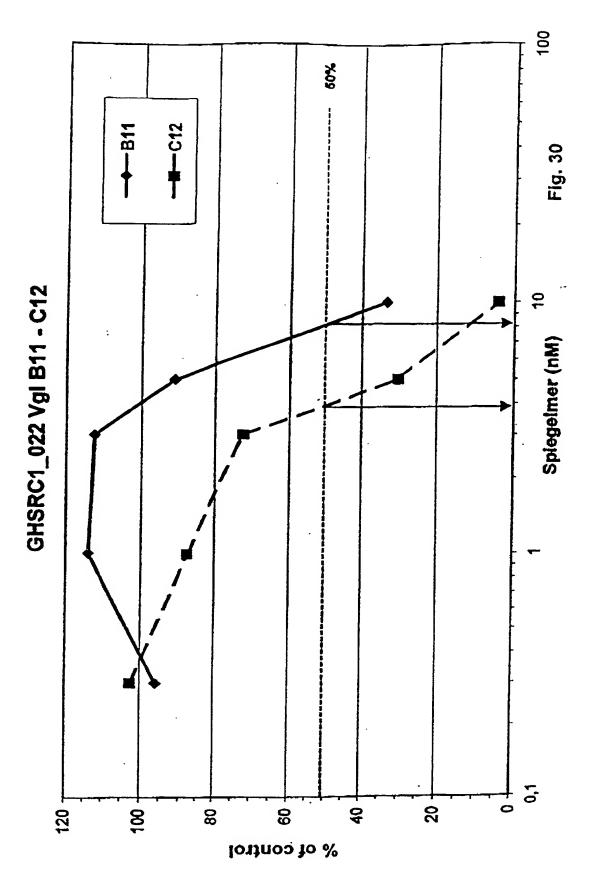
900

16000





16/522582



HIST AVAILABLE COPY

Fig. 31

1. ス・ス・スター こうしゅう しゅうしゅう しゅう	5'-X-GOTOGGTCACCCATTBACTAAGTCAAGGTAACCAATCCTACCCACC-Y-3'	5'-X-GGIGGGIGAGGAGTTATTATCTA BORCON CONTROLLER CONTROLL	5 '-X-GGTGGGTGAGGCAGTGTGTTTTTTTA ACTIONAL ACTION AC	5'-X-GGIGGGIGAGGCATAAAACCAAAACCAAACCAAACCAAAC	5'-X-GGTGGGTGAGGGAATTATTGGAATGGTAACCAATCCCGACC-Y-3'	5'-X-GOTOGOTOBOOD CON NAME OF SOME AND TOTAL CARTCOTACCOCACC-Y-3'	5'-X-GOTGGGTGAGGGAAGTAAGAGGTAAGCGAATCCTACCACC-Y-3'	5'-X-GGTGGGTGAGGGGTTTTTATTATTATTATTTTTTTTTT	5'-X-GGTGGGTGAGGCACCATA A CHICARAGGTAACCAATCCTACCACC-Y-3'	5'-X-GGTGGGTGAGGCAATTAAGTAAGTAAGGTAACCAATCCTACCACC-Y-3'	5'-X-GGTGGGTGAGGCATTCTAAATCTCTAAGGTAACCAGTCCTACCCACC-Y-3'	5'-X-GOTGGGTTARGGCATTARACCTAR ACTION	5'-X-GGTGGGTGGCCACACAAAAAAAAAAAAAAAAAAAAAAAA	5'-X-GGTGGGTGACTCACACACACACACACACACACACACACAC	5'-X-Ganggangangangangangangangangangangangang	51-X-GGTGGGTGAGGGTAAAAAAAAAAAAAAAAAAAAAAAA	5'-X-GGTGGGTGACCTARTARACACCTACCTACCTACCTACCTACCTACCTA	5'-X-GGTGGGTGGCTBGCTBGTTBAGTTAGGTAACCAATCCTACCACC-Y-3'	5'-X-GGTGGGTGAGCCARATICCARATICCARGGTAACCAATCCTACCCACC-Y-3'	5'-X-GGTGGGTGAGCTAGTAATAATAGTAGGTAACCAATCCTACCCACC-Y-3'	5'-X-Ganggangangangananganangangangangangangan	5'-X-Generalia Con Control of the Co	5'-X-GGMGGGMGAGGAGGAGGTAAGGTAAGGTAACCTACCTACCCACC-Y-3'	5'-X-Gendamangeran menomen and Constitution of the Constitution of	CONTRACTOR OF THE CONTRACT OF
SOT-108-H3	SOT-108-A6	SOT-108-B7	SOT-108-C2	SOT-108-C3	SOT-108-A1	SOT-108-A3	SOT-108-A4	SOT-108-A5	SOT-108-B1	SOT-108-B3	SOT-108-B6	SOT-108-C4	SOT-108-C6	SOT-108-C8	SOT-108-D5	SOT-108-E6	SOT-108-F1	SOT-108-F2	SOT-108-F7	SOT-108-G3	SOT-108-G7	-108-		-108	
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	

Sequence

SEQ ID Identifier

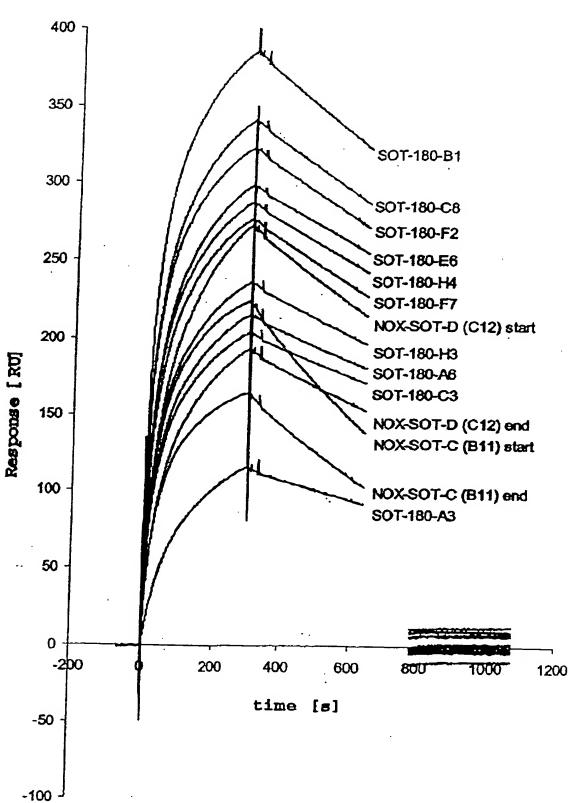


Figure 32A

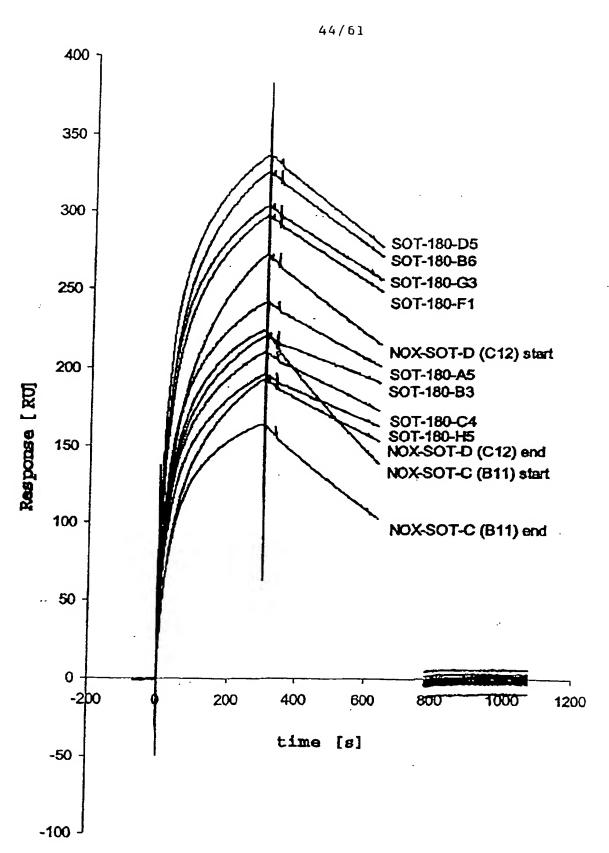


Figure 32B

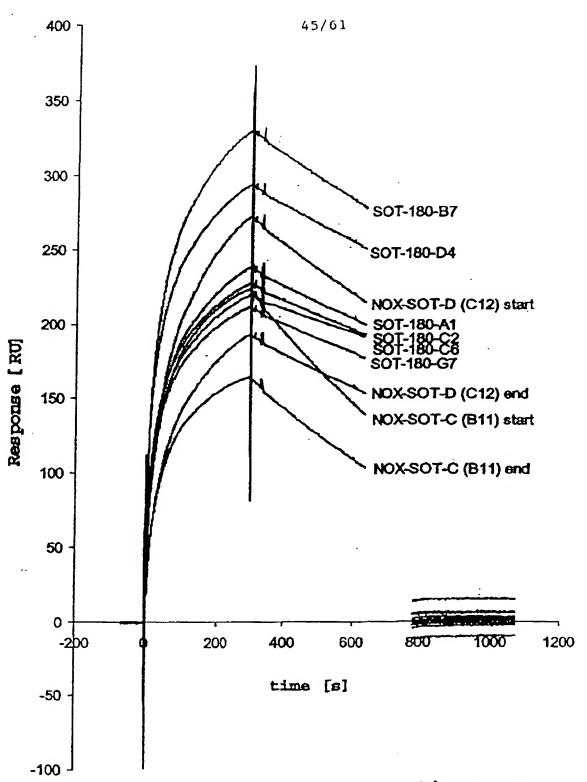


Figure 32C

			_									_		_			
	Original	clone	SOT-108-B1		SOT-108-B1	SOT-108-C8	SOT-108-F2	SOT-108-F2	SOT-108-B6	SOT-108-B7	SOT-108-D5	SOT-108-D5	SOT-108-F7	SOT-108-G3	SOT-108-H4	SOT-108-R6	30 001-008
	9120	(nc)	49		43	43	49	43	43	43	49	43	43	43	43	43	43
	somenbeg	このでは、このでは、 できないのでは、 できないでは、 できないのでは、 できないのではないのでは、 できないのでは、 できないのでは、 できないのでは、 できないのでは、 できないのでは、 できないのでは、 できないのでは、 できないのでは、 できないで	SCIESCI CANOCALINATE TANGICCEAGGIAACCAATCCTACCCACC	こうじょう こうしゅう そのなから ともなられる まからない ないして ないしかかい	GOTTON CONTROLL OF THE TOTAL CANTER TOTAL CANTER TOTAL CONTROLL OF THE TOTAL CANTER TOTAL CANTER TOTAL CANTER TOTAL CANTER TO THE TOTAL CANTER TOTAL CANTER TOTAL CANTER TO THE TOTAL CANT	GOTTOCOMO AND	GGGTGAGGTAGGTAGGTAGGTAGCCAACCCACC	GGCTTA GOOD ON THE STANCE OF THE CONTROLL OF THE CONTROLL OF THE CONTROL OF THE C	CACTORACONCENTACIONAL CONTRACTORACIA CONTRACTORACIONAL CONTRACTORAC	GOTTOCOMO ON COMMENT OF COMPANY OF THE COMPANY OF T	GGGTGAGGGAGGGAGGGGGGGGGGGGGGGGGGGGGGGGG	GGGTGAGGCANTOCCANANOGGCAGGAGGTAACCAATCCTACCC	GGGTGAGGGAATAAATAAGTCGAAGGTAACCAATCCTACCC	GROTTOR CONTRACTOR AND A CONTRACTOR OF THE CONTRA	GGGTGAGGCTTBCAAAAAAAAAAAAGCGAAGGTAACCAATCCTACCC	GOOTON ON THE TOWN OF THE TOWN	SOST COTACACA CARACTECCA A COTACCO COTACCO COTACCO COTACCO COTACCO COTACCO COTACCO COTACCO COTACCO COTACO CONACIONA
D Pariso		80t d lr 054		sot d lr 055	80t d lr 056		d lr	sot d lr 059	Bot d lr 060	•	d 1r	1		Bot d lr 065	sot d 1r 066	got d lr 067	
Sed	_aı	87		88	89	90	91	92	93	94	95	96	97	98	66	100	

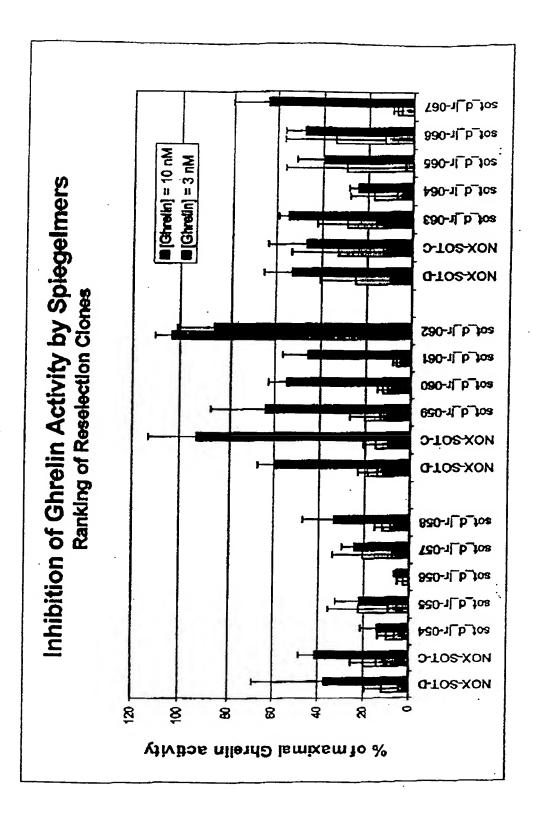


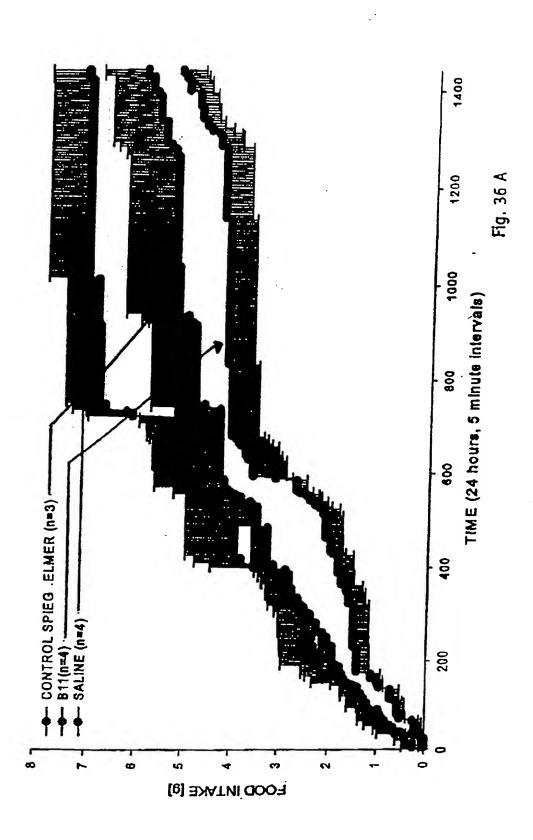
Figure 34

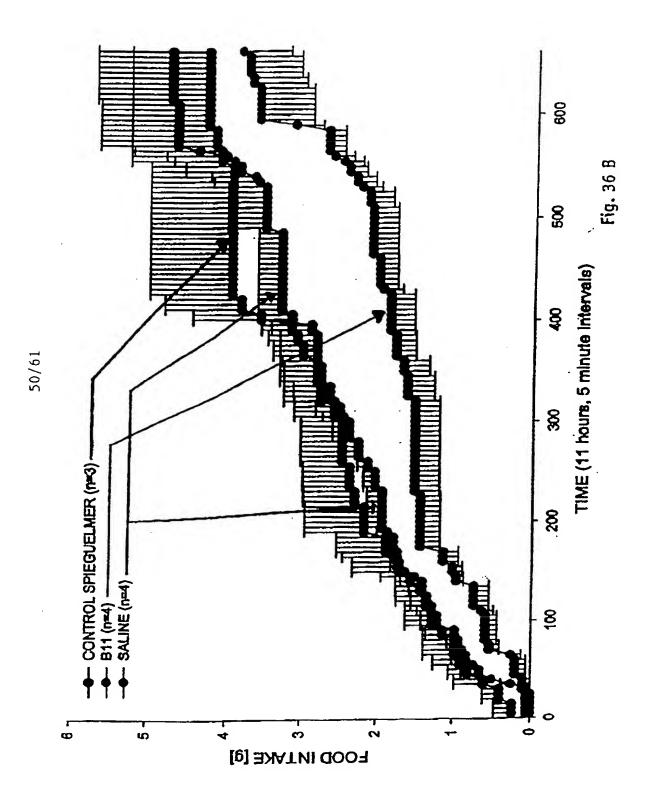
8

35

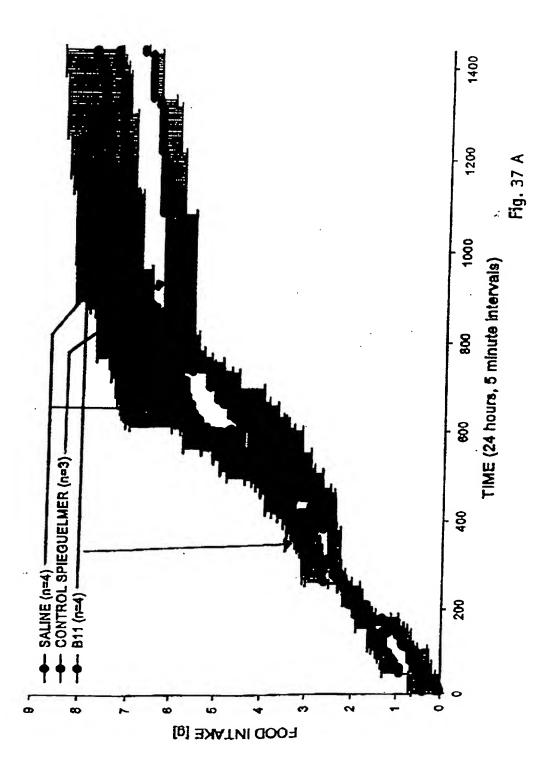
Figure

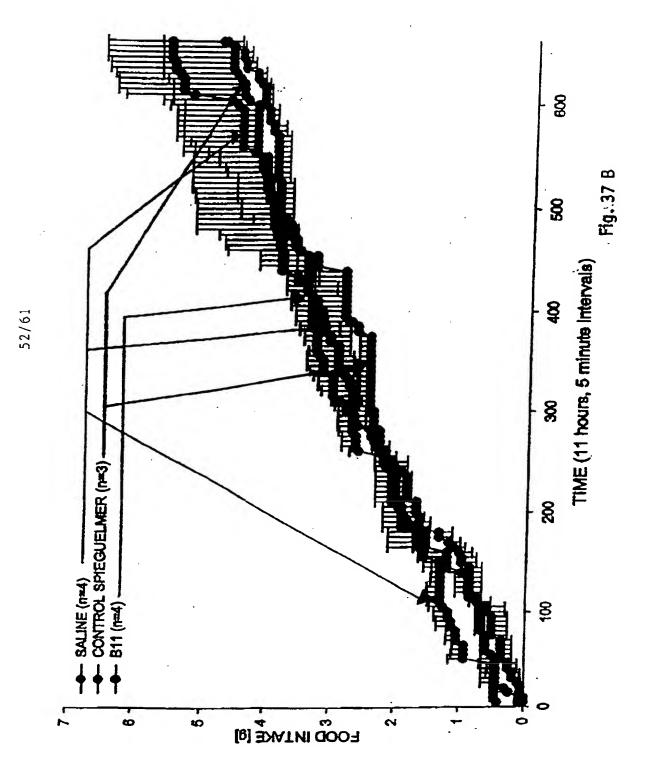
% of maximal Chrelin activity

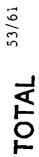


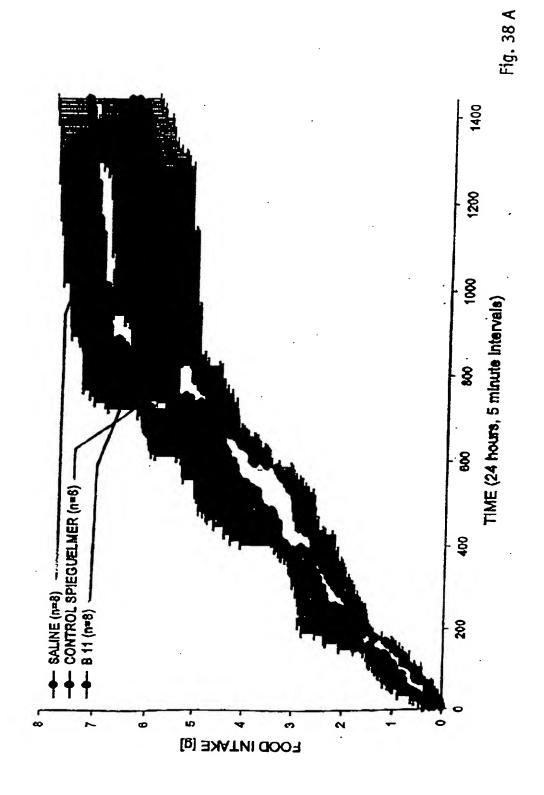


PEST ANAMALILE COPY

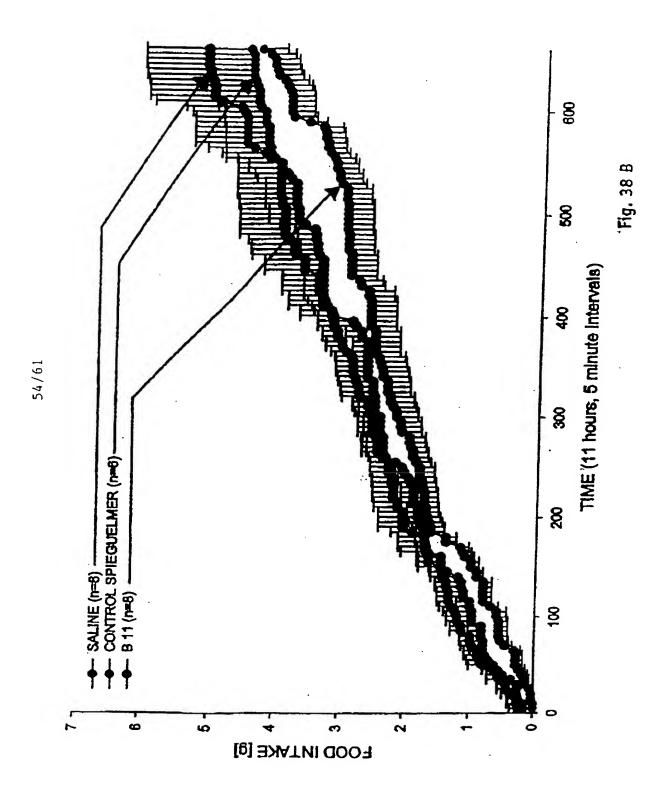








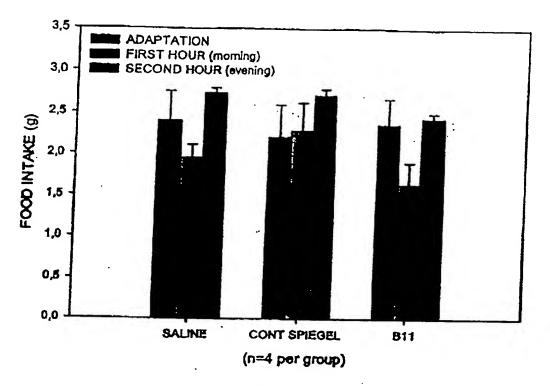




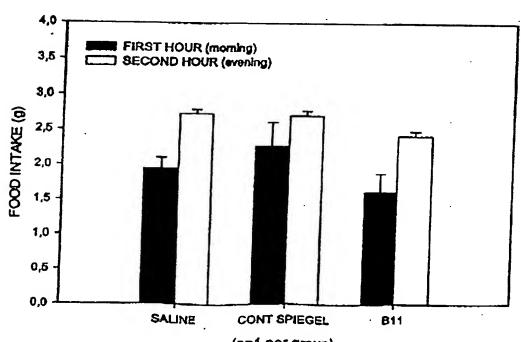
PEST AVAILABLE COPY

### 0/322562

### 55/61 MEAL TRAINING FIRST EXPERIMENT

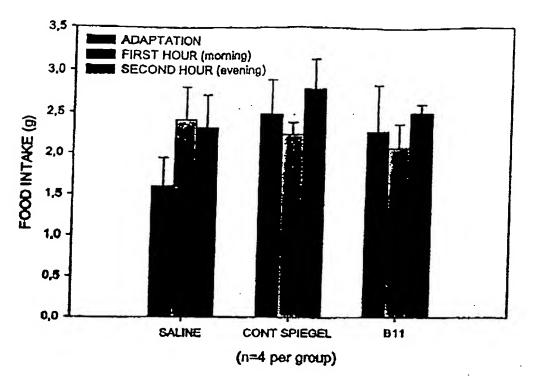


#### **MEAL TRAINING** FIRST EXPERIMENT

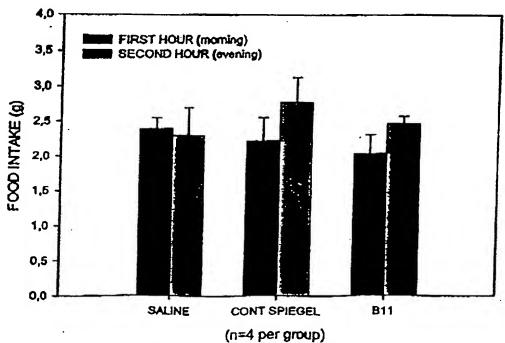


(n=4 per group) Figs. 39 A (top) and 39 B (bottom)

#### 56/61 MEAL TRAINING SECOND EXPERIMENT



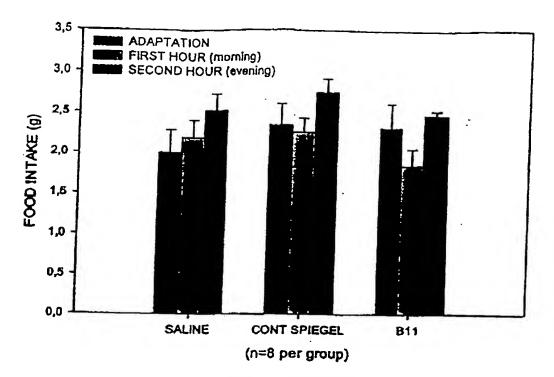
## MEAL TRAINING SECOND EXPERIMENT



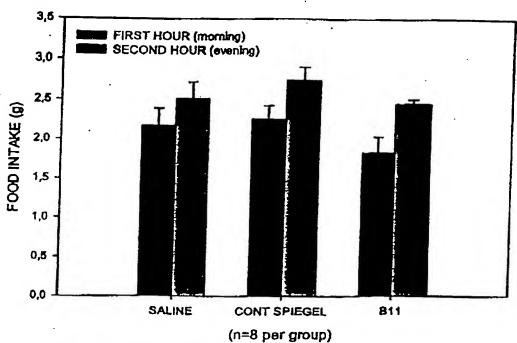
Figs. 40 A (top) and 40 B (bottom)

AND AND AND CONTRACTOR

#### 57/61 MEAL TRAINING TOTAL

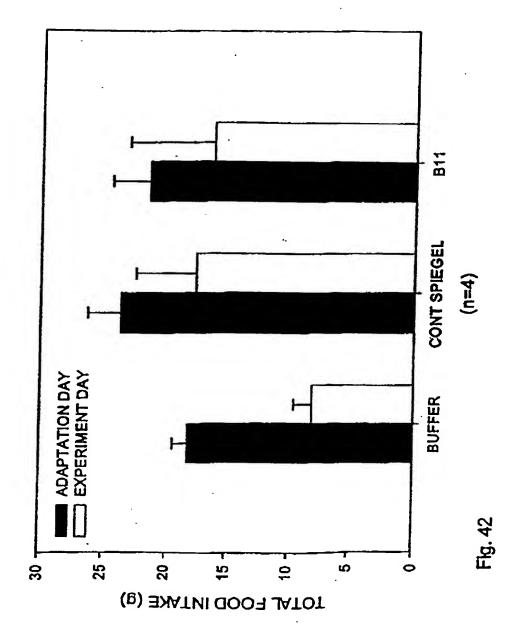


# MEAL TRAINING TOTAL

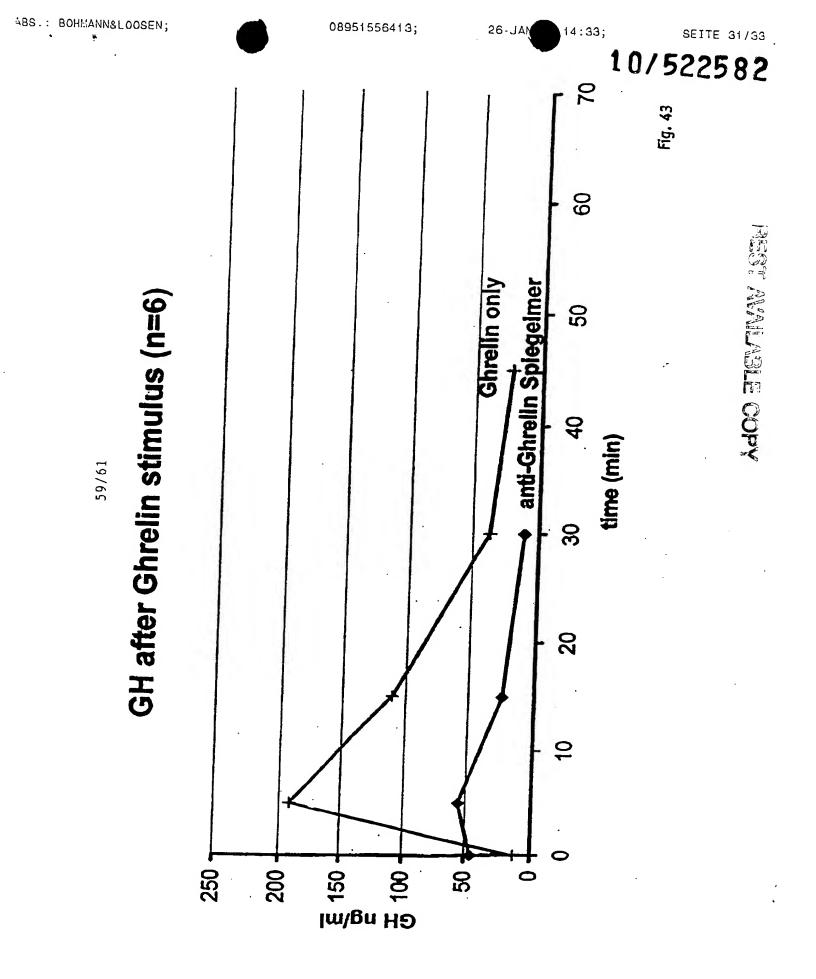


Figs. 41 A (top) and 41 B (bottom)

I.C.V EXPERIMENT (24 hours) (Male Wistar Rats)

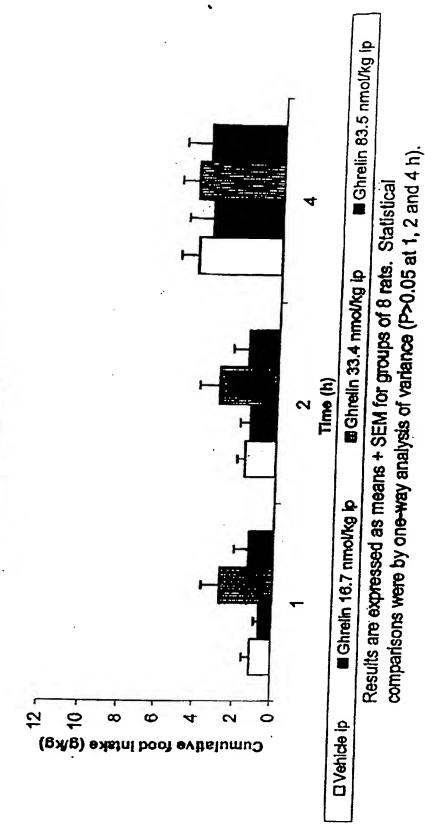


HEST AVAILABLE COPY





Effects of acute administration of ahrelin on food intake in male Sprague-Dawley rats



PEST AVAILABLE COPY



